MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MARCH, 1944

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Lebanon

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WEATHER BUREAU

MARCH 1944

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	64.8	62.3	61.4	62.8	20.2	15.6	16.5	18.2	15.6	16.8
2	0.6	59.3	59.8	59.6	25.5	18.3	20.2	24.8	22.0	22.3
3	57.1	5.1	8.0	6.7	27.0	11.7	21.9	21.3	17.9	20.4
4	60.5	60.7	62.0	61.1	16.9	11.7	12.7	15.9	13.1	13.9
5	3.5	3.6	4.5	3.9	18.8	11.8	15.6	18.3	13.6	15.8
6	64.0	62.8	62.4	63.1	18.9	12.9	15.6	18.2	14.6	16.1
7	2.0	1.6	2.1	1.9	19.6	14.6	16.7	18 2	14.8	16.6
8	2.5	1.6	2.0	2.0	18.7	12.3	15.5	18.3	13.4	15.7
9	1.9	1.0	0.8	1.2	19.6	12.8	16.2	17.6	15.2	16.3
10	58.4	56.3	55.8	56.8	21.0	15.8	17.1	19.3	16.6	17.7
11	58.2	57.0	57.4	57.5	21.0	14.9	17.3	20.2	16.1	17.9
12	4.7	3.2	5.1	4.3	27.1	16.3	20.1	24.4	19.1	21.2
13	5.7	6.7	7.0	6.5	19.3	14.1	17.7	19.0	15.0	17.2
14	7.1	7.0	9.2	7.8	18.8	10.6	15.9	14.6	12.2	14.2
15	60.6	60.8	62.3	61.2	19.8	12.2	16 5	19.0	14.4	16.6
16	63.9	63.2	63.2	63.4	20.0	12.1	17.2	19.6	14.1	17.0
17	0.1	59.0	58.2	59.1	19.7	14.7	16.2	17.1	15.5	16.3
18	1.4	61.4	62.5	61.8	18.9	11.6	17.2	18.2	13.9	16 4
19	2.6	1.8	1.8	2.1	18.3	12.3	16.0	17.7	13.4	15.7
20	2.0	1.5	3.2	2.2	18.7	11.2	16.5	17.8	13.4	15.9
21	63.8	61.6	60.4	61.9	20.1	16.1	16.2	18.9	16.2	17.1
22	57.9	59.7	3.1	0.2	21.9	12.7	19.5	21.2	15.4	18.7
23	64.5	63.4	3.6	3.8	21.2	11.8	17.3	20.4	14.9	17.5
24	2.2	0.3	59.8	0.8	21.7	14.3	18.4	20.4	14.5	17.8
25	57.4	59.0	61.5	59.3	21.0	11.6	19.4	19.2	14.4	17.7
26	61.3	57.6	53.9	57.6	28.4	16.5	16.7	18.8	16.5	17.3
27	47.2	47.0	46.9	47.0	25.2	10.1	24.2	20.5	17.2	20.6
28	50.3	51.5	52.2	51.3	15.1	10.3	11.2	12.2	12.9	12.1
29	4.4	6.4	7.4	6.1	17 2	8.9	13.8	15.7	12.4	14.0
30	60.6	62.5	65.4	62.8	16.4	10.0	10.1	15 1	12.8	12.7
31	7.7	7.5	8.8	8.0	18.9	11.4	14.8	18.6	12.9	15.4
	59.96	59.43	60.05	59.80	20.48	12.94	16.78	18.66	14.96	16.80

Barometer, range for month 768.8 – 746.9 mm.
,, 62-yr. average for month 761.21 mm.
Thermometer, range for month 28.4° C — 8.9° C.
,, 62-yr. average for month 16.21° C.
Rain, total for month 115.54 mm.
,, , 62-yr. average for month 89.15 mm.
,, , total, from Sept. 1st. 759.97 mm.
62-yr. average, total from Sept. 1st. 804 97 mm.

MARCH 1944

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	10.1	14.6	14.7	13.1	72	78	92	81	8.6	276.8	
2	11.8	11.0	9.6	10.8	67	48	49	55	9.5	153.6	
3	9.7	15.3	15.1	13.4	50	81	99	77	4.6	440.0	0.25
4	10.4	10.5	9.2	10.0	94	79	82	85	2.1	200.0	33.79
5	9.5	10.0	9.5	9.7	72	63	82	72	8.0	296.0	
6	9.3	10.5	11.0	10.3	71	68	89	76	10.6	256.0	
7	11.1	12.5	11.6	11.7	79	81	93	84	8.5	296.0	
8	10.6	11.5	9.8	10.6	81	74	85	80	4.2	211.2	
9	9.7	11.9	10.8	10.8	71	78	85	78	6.6	310.4	
10	10.7	13.2	11.9	14.9	74	78	85	79	8.2	720.0	
11	12.3	14.1	12.8	13.1	83	80	95	86	7.8	235.0	
12	11.1	11.3	10.2	10.9	64	49	62	58	3.5	441.0	
13	13.4	12.1	10.8	12.1	89	74	86	83	1.4	127.0	
14	10.8	10.1	8.6	9.8	80	81	82	81	2.3	454.0	3.51
15	9.7	10.5	9.8	10.0	70	65	80	72	9.1	515.0	2.29
16	8.7	11.7	10.8	10.4	60	69	90	73	8.7	145.0	
17	10.6	10.8	10.0	10.5	78	75	76	76	2.5	354.0	0.25
18	9.3	9.3	8.2	8.9	64	60	70	65	8.8	383.0	
19	8.5	9.0	8.6	8.7	63	60	74	66	9.7	346.0	
20	8.4	8.9	8.8	8.7	60	59	76	65	7.6	510.0	
21	8.7	11.1	11.7	10.5	64	69	86	73	9.4	636.0	
22	10.0	14.0	12.2	12.4	66	75	94	78	9.5	512.0	
23	11.1	12.7	9.6	11.1	75	71	76	74	9.5	261.0	
24	9.1	11.4	10.7	10.4	58	63	87	69	9.4	177.0	
25	8.9	12.5	9.4	10.3	52	76	77	68	5.0	507.0	
26	10.2	12.3	12.1	11.5	72	77	87	79	3.3	571.0	
27	9.7	12.4	12.1	11.4	43	68	83	65	0.1	1135.0	
28	9.6	9.7	9.5	9.6	97	91	85	91	0.0	1545.0	53.34
29	9.3	9.5	8.5	9.1	79	72	79	77	1.4	753.0	6.61
30	7.9	7.9	7.1	7.6	86	61	65	71	5.4	431.0	14.23
31	9.1	9.9	8.9	9.3	72	63	81	72	8.5	274.0	1.27
	10.00	11.36	10.43	10.60	71.0	70.5	81.6	74.4	6.25	434.58	3.72

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	7cu	1cu	3cu	3.7	0	2ne	0	slight	D. a.m.
2	0	0	4cu	1.3	1ne	0	0	„	
3	1ci	10cu	10ni	7.0	0	2ne	0	„	
4	10ni	8cu-ni	2cu	6.7	1se	1sw	0	mod.	
5	2cu	1cu	0	1.0	1sw	2sw	0	„	
6	2ci	0	0	0.7	1ne	2ne	2ne	slight	D. a.m.
7	0	0	0	0.0	1ne	2ne	2ne	„	„ „ „
8	10cu	9cu	1cu	6.7	0	2sw	0	„	
9	5ci	7cu	1cu	4.3	0	2ne	2ne	„	D. a.m
10	0	7cu-ni	1cu	2.7	2ne	2ne	0	„	D., Tr. & W at night
11	1ci	0	0	0.3	2sw	1sw	0	slight	D. a.m; mist p.m.
12	10cu	10cu	10cu	10.0	0	2sw	1sw	light	
13	10cu	10cu	10cu	10.0	1sw	2sw	0	slight	
14	10cu	10ni	5cu-ni	8.3	0	3sw	2w	„	
15	5cu	0	0	1.7	2sw	2sw	0	„	
16	0	0	0	0.0	1sw	2sw	0	slight	
17	9cu	10cu	8cu	9.0	1nw	1nw	1sw	„	D. a. m.
18	1cu	4cu	1cu	2.0	1sw	2sw	2sw	„	
19	6cu-ni	1cu	3cu	3.3	2sw	2sw	0	„	
20	8cu-ni	7cu	3cu	6.0	2sw	3sw	0	„	
21	1cu	1ci	5cu	2.3	1sw	2ne	2ne	slight	
22	0	0	0	0.0	1sw	3sw	0	„	
23	0	0	0	0.0	2sw	2sw	0	„	
24	0	2ci	0	0.7	1sw	1ne	0	„	
25	10cu	0	0	3.3	1sw	3sw	1sw	„	
26	0	10cu	7cu	5.7	1sw	1nw	2nw	slight	W. at night
27	10cu	10cu	10cu-ni	10.0	4sw	2sw	2sw	„	Tr., T & G. at night
28	10ni	10ni	10ni	10.0	3sw	4sw	5sw	rough	T. & G. at night
29	10ni	10cu-ni	9ni	9.7	4sw	3sw	1sw	„	
30	10ni	4cu	3cu	5.7	3sw	2sw	1sw	mod.	
31	8cu	1cu	0	3.0	1sw	3sw	0	slight	
				4.35					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	4	0	1	0	19	0	1	6	31
14:30	0	8	0	0	0	20	0	2	1	31
20:30	0	4	0	0	0	8	1	1	17	31
Totals	0	16	0	1	0	47	1	4	24	93

Number of days with rain 9, fog 0, thunderstorms 2, gale 2.

62 yr. av. days with rain during month 10.5 days